



# STIC Search Report

EIC 1700

STIC Database Tracking Number: 151684

**TO:** Stephen Kalafut  
**Location:** REM 6C85  
**Art Unit :** 1745  
**April 26, 2005**

**From:** Mrs. Kendra Banks  
**Location:** EIC 1700  
**REM 4B28**  
**Phone:** 571-272-2516

**Case Serial Number:** 10/658851

**Kendra.Mellerson@uspto.gov**

## Search Notes

No Cases Reported

US 5,629,105

**Current session 26/04/2005****Query/Command : N**

..FILE / ..INFO / ..GUIDE

**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 0,61  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.66 USD  
Cost estimated for the last database search : 0.66 USD  
Estimated total session cost : 0.66 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database  
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE  
Announcing enhanced searchability of Relevancy Codes in Search Reports  
for EP, WO and FR patents. For more details see below and on QO website  
-To retrieve set of high relevancy X coded cited patents, use xctx=yes  
-To extract cited patents with only high relevancy code, use mem/xctx  
Last update of file: 2005/04/20 (YYYY/MM/DD) 2005-15/UP (last update)

Search statement 1

**Query/Command : US5629105/PN****\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

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1/1 PLUSPAT - ©QUESTEL-ORBIT - image

**PN** - US5629105 A 19970513 [US5629105]  
**TI** - (A) Flashlights and other battery-powered apparatus for holding and energizing  
transducers  
**PA** - (A) LASER PRODUCTS CORP (US)  
**PA0** - Laser Products Corporation, Fountain Valley CA [US]  
**IN** - (A) MATTHEWS JOHN W (US)  
**AP** - US36717095 19950103 [1995US-0367170]  
**FD** - PCT/US92/10209 19921124 [1992WO-US10209]

WO94/13022 19940609 [WO9413022]

**PR** - WOUS9210209 19921124 [1992WO-US10209]  
US36717095 19950103 [1995US-0367170]

**IC** - (A) F21L-007/00 H01M-002/10 H01R-019/00

**EC** - F21L-007/00  
F21L-015/02  
H01M-002/10C2C2

**PCL** - ORIGINAL (O) : 429097000; CROSS-REFERENCE (X) : 200050040  
200060000 362183000 362184000 362194000 362205000 362206000

**DT** - Corresponding document

**CT** - USRe29047; USD263170; USD297828; USD298748; USD303107;  
USD306492; USD307488; USD308109; USD310425; USD312509;  
USD324430; US1403538; US1433570; US1603272; US1661784; US1669292;  
US1671623; US1674650; US1680169; US1680188; US1781064; US1823762;  
US1955511; US2016819; US2020352; US2097222; US2125038; US2176084;  
US2225936; US2259106; US2338078; US2339356; US2385639; US2439496;  
US2461118; US2490830; US2503287; US2518437; US2520023; US2530913;  
US2599295; US2769896; US2797309; US2830280; US2852632; US2852633;  
US2876410; US2897345; US2915621; US2931005; US2945944; US3014125;  
US3226538; US3250911; US3521050; US3701862; US3717759; US3798440;  
US3825740; US3835272; US3924116; US3924117; US4092580; US4135230;  
US4151583; US4171534; US4203150; US4234913; US4244011; US4261026;  
US4281368; US4286311; US4327401; US4329740; US4345304; US4357648;  
US4388673; US4398139; US4398238; US4429351; US4441142; US4463283;  
US4472766; US4495551; US4502102; US4514790; US4527223; US4530034;  
US4531178; US4577263; US4581686; US4605993; US4640258; US4656565;  
US4658336; US4725932; US4733337; US4760504; US4777582; US4788633;  
US4803605; US4819141; US4823242; US4825345; US4841417; US4843298;  
US4851974; US4864474; US4876416; US4885668; US4888670; US4899265;  
US4914555; US4942505; US4956755; US5003440; US5008785; US5113326;  
US5143441; US5158358; US5161095; US5171086; US5203624; US5422798;  
AU138873; FR1271830; FR1430456; FR2372382; GB411218; GB555910;  
GB586357; GB752619

**STG** - (A) United States patent

**AB** - PCT No. PCT/US92/10209 Sec. 371 Date Jan. 3, 1995 Sec. 102(e) Date Jan. 3, 1995 PCT Filed Nov. 24, 1992 PCT Pub. No. WO94/13022 PCT Pub. Date Jun. 9, 1994A battery-powered apparatus for holding and energizing an electric transducer, includes a hand-held battery housing carrying the transducer mount, and first and second internal battery contacts. A first external battery charge terminal is on the transducer mount, and a second external battery charge terminal is on a part of the battery housing, such as its end cap. A double-throw switch has a common element electrically connected to an internal battery terminal contact, has a first switched contact leading to a first terminal of the electric transducer, and has opposite second switched contact electrically connected to an external battery charge terminal. If there are two electric transducers, they may be a part of a light source comprising a reflector, a first electric lamp having a filament at its focal point, and a second electric lamp extending into that reflector beside the first electric lamp.

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*1/1 LGST - ©EPO*

**PN** - US5629105 A 19970513 [US5629105]  
**AP** - US36717095 19950103 [1995US-0367170]  
**ACT** - 20020314 US/AS-A  
ASSIGNMENT  
OWNER: SUREFIRE, LLC 18300 MT. BALDY CIRCLE FOUNTAIN VALL;  
EFFECTIVE DATE: 20020301  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:LASER  
PRODUCTS CORPORATION;REEL/FRAME:012698/0473  
**UP** - 2004-43

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*1/1 CRXX - ©CLAIMS/RRX*

**PN** - 5,629,105 A 19970513 [US5629105]  
**PA** - Laser Products Corp  
**ACT** - 20020314 REASSIGNED  
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: LASER PRODUCTS CORPORATION DATE SIGNED: 03/01/2002

Assignee: SUREFIRE, LLC 18300 MT. BALDY CIRCLE FOUNTAIN  
VALLEY CALIFORNIA 92708

Reel 012698/Frame 0473

Contact: DAVID WEISS 2551 COLORADO BLVD. LOS ANGELES, CA  
90041

Search statement 2

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,36  
The cost estimation below is based on Questel's  
standard price list  
Estimated cost : 0.99 USD  
Records displayed and billed : 1  
Estimated cost : 1.40 USD  
Cost estimated for the last database search : 2.39 USD  
Estimated total session cost : 3.05 USD

LGST - Time in minutes : 0,09  
The cost estimation below is based on Questel's  
standard price list  
Estimated cost : 0.11 USD  
Records displayed and billed : 1  
Estimated cost : 0.65 USD  
Legal-Status informations : 1

Estimated cost : 0.50 USD  
Cost estimated for the last database search : 1.26 USD  
Estimated total session cost : 4.31 USD

CRXX - Time in minutes : 0,07  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.12 USD  
Records displayed and billed : 1  
Estimated cost : 5.70 USD  
Legal-Status informations : 1  
Estimated cost : 0.50 USD  
Cost estimated for the last database search : 6.32 USD  
Estimated total session cost : 10.63 USD

LITA - Time in minutes : 0,02  
The cost estimation below is based on Questel's  
standard price list

Estimated cost : 0.04 USD  
Cost estimated for the last database search : 0.04 USD  
Estimated total session cost : 10.67 USD

Selected file: INPADOC

You are now connected to INPADOC  
Covers 1968/1973 thru weekly updates (2005-16)  
For information on content, (..)INFO INPD.

Search statement 1

**Query/Command : FAM US5629105/PN**

1 Patent Groups

**\*\* SS 1: Results 4**

Search statement 2

**Query/Command : FAMSTATE NONSTOP**

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1/4 INPADOC - ©INPADOC

**PN** - EP 673551 A4 20030402 [EP-673551]  
**TI** - FLASHLIGHTS AND OTHER BATTERY-POWERED APPARATUS FOR  
HOLDING AND ENERGIZING TRANSDUCERS  
**LA** - ENG  
**IN** - MATTHEWS JOHN WALLACE [US]  
**PA** - LASER PRODUCTS CORP [US]  
**AP** - EP 93900680/93-A 19921124 [1993EP-0900680]  
**PR** - WO 9210209/92(US)-A 19921124 [1992WO-US10209]  
**IC** - H01M-002/10; F21V-023/04; F21L-007/00; F21L-009/00; H01H-019/00

**DS** - AT\* CH\* DE\* FR\* GB\* IT\* LI\* SE\*

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*1/1 LEGALI - ©EPO*

**PN** - EP0673551 A1 19950927 [EP-673551]EP0673551 A4 20030402 [EP-673551]

**AP** - EP93900680 19921124 [1993EP-0900680]

**ACTE** - 19950927 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 19950620

19950927 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
AT CH DE FR GB IT LI SE

20030402 EP/A4-A [+]  
SUPPLEMENTARY SEARCH REPORT  
EFFECTIVE DATE: 20030218

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 H01M-002/10 A

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 F21V-023/04 B

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 F21L-007/00 B

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 F21L-009/00 B

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 H01H-019/00 B

**UP** - 2003-22

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*2/4 INPADOC - ©INPADOC*

**PN** - EP 673551 A1 19950927 [EP-673551]

**TI** - FLASHLIGHTS AND OTHER BATTERY-POWERED APPARATUS FOR  
HOLDING AND ENERGIZING TRANSDUCERS.

**LA** - ENG

**IN** - MATTHEWS JOHN WALLACE [US]

**PA** - LASER PRODUCTS CORP [US]

**AP** - EP 93900680/93-A 19921124 [1993EP-0900680]

**PR** - WO 9210209/92(US)-A 19921124 [1992WO-US10209]  
**IC** - H01M-002/10; F21V-023/04; F21L-007/00  
**DS** - AT\* CH\* DE\* FR\* GB\* IT\* LI\* SE\*

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*1/1 LEGALI - ©EPO*

**PN** - EP0673551 A1 19950927 [EP-673551]EP0673551 A4 20030402 [EP-673551]

**AP** - EP93900680 19921124 [1993EP-0900680]

**ACTE** - 19950927 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 19950620

19950927 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
AT CH DE FR GB IT LI SE

20030402 EP/A4-A [+]  
SUPPLEMENTARY SEARCH REPORT  
EFFECTIVE DATE: 20030218

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 H01M-002/10 A

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 F21V-023/04 B

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 F21L-007/00 B

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 F21L-009/00 B

20030402 EP/RIC1-A  
CLASSIFICATION (CORRECTION)  
7 H01H-019/00 B

**UP** - 2003-22

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*3/4 INPADOC - ©INPADOC*

**PN** - US 5629105 A 19970513 [US5629105]

**TI** - FLASHLIGHTS AND OTHER BATTERY-POWERED APPARATUS FOR  
HOLDING AND ENERGIZING TRANSDUCERS

**IN** - MATTHEWS JOHN W [US]

**PA** - LASER PRODUCTS CORP [US]

**AP** - US 367170/95-A 19950103 [1995US-0367170]  
**PR** - US 367170/95-A 19950103 [1995US-0367170]  
WO 9210209/92(US)-W 19921124 [1992WO-US10209]  
**IC** - H01M-002/10; F21L-007/00; H01R-019/00

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*1/1 LEGALI - ©EPO*

**PN** - US5629105 A 19970513 [US5629105]  
**AP** - US36717095 19950103 [1995US-0367170]  
**ACTE** - 20020314 US/AS-A  
ASSIGNMENT  
OWNER: SUREFIRE, LLC 18300 MT. BALDY CIRCLE FOUNTAIN VALL;  
EFFECTIVE DATE: 20020301  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:LASER  
PRODUCTS CORPORATION;REEL/FRAME:012698/0473  
**UP** - 2004-43

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*4/4 INPADOC - ©INPADOC*

**PN** - WO 9413022 A1 19940609 [WO9413022]  
**TI** - FLASHLIGHTS AND OTHER BATTERY-POWERED APPARATUS FOR  
HOLDING AND ENERGIZING TRANSDUCERS  
**LA** - ENG  
**IN** - MATTHEWS JOHN WALLACE [US]  
**PA** - LASER PRODUCTS CORP [US]; MATTHEWS JOHN WALLACE [US]  
**AP** - WO 9210209/92(US)-A 19921124 [1992WO-US10209]  
**PR** - WO 9210209/92(US)-A 19921124 [1992WO-US10209]  
**IC** - H01M-002/10; F21V-023/04; F21L-007/00  
**DS** - CA\* JP\* US\* AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

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*1/1 LEGALI - ©EPO*

**PN** - WO9413022 A1 19940609 [WO9413022]  
**AP** - WOUS9210209 19921124 [1992WO-US10209]  
**ACTE** - 19940609 WO/AK [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH  
SEARCH REPORT  
CA JP US  
  
19940609 WO/AL [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
  
19940721 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO  
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

19940831 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS  
DESIGNATED IN THIS APPLICATION

19950103 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:  
US 1995 367170A 19950103 [1995US-0367170]

19960724 WO/NENP

NON-ENTRY INTO THE NATIONAL PHASE IN:  
<CA>

**UP** - 2003-22

Search statement 2

PATNO IS 5629105

DATE: APRIL 26, 2005  
LIBRARY: PATENT  
FILE: ALL

Your search request is:

PATNO IS 5629105

Number of PATENTS found with your search request through:

LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.

To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.

To MODIFY your search request, press the M key (for MODFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. ~~5629105~~ , May 13, 1997 , Flashlights and other battery-powered apparatus for holding and energizing transducers, Matthews, John W. - Corona del Mar, California, United States (US), 367170 (08), Laser Products Corporation, Fountain Valley, California, United States (US), 02, March 14, 2002 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS) ., SUREFIRE, LLC 18300 MT. BALDY CIRCLE FOUNTAIN VALLEY CALIFORNIA 92708, Reel and Frame Number: 12698/0473

CORE TERMS: switch, transducer, battery, actuator, terminal, rotary, electric, axial, lamp, reflector ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5629105

<=1> GET 1st DRAWING SHEET OF 5

May 13, 1997

Flashlights and other battery-powered apparatus for holding  
and energizing transducers

APPL-NO: 367170 (08)

FILED-DATE: January 3, 1995

GRANTED-DATE: May 13, 1997

CORE TERMS: switch, transducer, battery, actuator, terminal, rotary, electric,  
axial, lamp, reflector ...

5629105 OR 5,629,105

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.